| <br>Index of Claims |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Application No.

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| Cla      | aim      |           | Da          | te                                               |          | Cla                                              | im       |         |                | Date                        |             |                                                  | ]:::[  | CI    | aim        |          |         | _            | Date      | 9        |                |               |           |
|----------|----------|-----------|-------------|--------------------------------------------------|----------|--------------------------------------------------|----------|---------|----------------|-----------------------------|-------------|--------------------------------------------------|--------|-------|------------|----------|---------|--------------|-----------|----------|----------------|---------------|-----------|
| _        | <u></u>  | 8         |             |                                                  |          | _                                                | ल        |         |                |                             |             |                                                  |        | _     | <u></u>    |          |         |              |           |          |                |               |           |
| Final    | Original | 14        |             |                                                  |          | Final                                            | ë        |         |                |                             |             |                                                  |        | Final | gin        |          |         |              |           |          |                |               |           |
| ۳.       | ō        | 10/14/04  |             |                                                  |          | ഥ                                                | Original |         |                |                             |             |                                                  |        | ш     | Original   |          |         |              |           |          |                |               | j         |
| <u> </u> | 1        | 1         |             | 1                                                | 1        | -                                                | 51       |         | <u> </u>       |                             |             | <del>  -</del>                                   | -      |       |            |          | +-      | -            |           |          |                |               |           |
|          | 2        | 1         |             | <del>                                     </del> |          |                                                  | 52       |         | <del> </del> - |                             | _           | ╁┼                                               | -      |       | 101<br>102 | +        | +       | ╁            |           |          | $\dashv$       | $\dashv$      | $\dashv$  |
|          | 3        | 1         |             | + + +                                            | 1        |                                                  | 53       |         |                |                             | +           | <del>  </del>                                    | -      |       | 103        |          | +       | +            | $\vdash$  | -        | $\dashv$       | $\dashv$      | $\dashv$  |
|          | : 4      | 1         |             | +++                                              | 1        |                                                  | 54       |         | $\vdash$       | $ \vdash$ $\vdash$ $\vdash$ | +           |                                                  | 1::::  |       | 104        | +        | +       | $\vdash$     |           |          | $\dashv$       |               | ᅱ         |
|          | 5        | V         | <del></del> | + + + + -                                        | 1        |                                                  | 55       |         | <del> </del>   |                             | -           |                                                  | 1      |       | 105        | +        | +       | ╁            |           |          | $\dashv$       | $\dashv$      | ᅱ         |
|          | 6        | 1         |             | 1 - 1 - 1 - 1                                    |          |                                                  | 56       |         |                |                             | $\top$      |                                                  | 1::::  |       | 106        |          | +       | +            |           | $\neg$   | $\dashv$       |               | $\dashv$  |
|          | 7        | 1         |             |                                                  |          |                                                  | 57       |         |                |                             | $\top$      |                                                  | 7::::  |       | 107        |          | 1-      |              |           |          | $\dashv$       | 寸             |           |
|          | 8        | √         |             |                                                  | 1        |                                                  | 58       |         |                |                             |             |                                                  | 7::::  |       | 108        |          | 1       |              |           |          |                |               | $\neg$    |
|          | .9       | √         |             |                                                  |          |                                                  | 59       |         |                |                             |             |                                                  |        |       | 109        |          |         |              |           |          |                |               | П         |
|          | 10       | √         |             |                                                  | ]::::    |                                                  | 60       |         |                |                             |             |                                                  | ]::::  |       | 110        |          |         |              |           |          |                |               |           |
|          | 11       | V         |             |                                                  |          |                                                  | 61       |         | <u> </u>       |                             |             |                                                  | ]::::: |       | 111        |          |         |              |           |          |                |               |           |
|          | 12       | 1         |             | $\bot$ $\bot$ $\bot$ $\bot$ $\bot$               |          |                                                  | 62       |         |                |                             | _ _         | $\sqcup \bot$                                    | 4::::  |       | 112        |          | 1       | 1            |           |          | $\perp$        | $\dashv$      | _         |
|          | 13       | √         |             | +                                                | <b> </b> | $\sqcup$                                         | 63       | $\perp$ |                | $\square$                   | +           | $\vdash \vdash$                                  | 4      |       | 113        |          |         |              | L         |          | $\perp$        | $\dashv$      | 4         |
|          | 14       | 1         |             | +++-                                             |          |                                                  | 64       |         | <u> </u>       | -                           |             | $\vdash$                                         | -      |       | 114        | _        | -       | ╁            | $\square$ |          | _              | _             | _         |
|          | 15       | 1         |             | +++                                              |          |                                                  | 65       | +       | _              | $\dashv$                    |             | $\vdash$                                         | -      |       | 115        | -        | -       | $\vdash$     | $\vdash$  | _        | $\dashv$       | $\dashv$      | 4         |
| -        | 16<br>17 | 1         | <del></del> | <del></del>                                      | {        | $\vdash$                                         | 66<br>67 | +       | <u> </u>       | +                           | +           | $\vdash$                                         | -      |       | 116        | +        | +       | +            | $\vdash$  | $\dashv$ | $\dashv$       |               |           |
| _        | 18       | 1         |             | + + + +                                          |          |                                                  | 68       | +       | <u> </u>       |                             |             |                                                  | -      |       | 117<br>118 | +        | +       | ⊢            | $\vdash$  |          | $\dashv$       | $\dashv$      | $\dashv$  |
|          | 19       | 1         |             | +                                                |          |                                                  | 69       |         |                |                             |             | $\vdash$                                         | -      |       | 119        | +        | +       | $\vdash$     |           | -        | $\dashv$       | $\dashv$      | $\dashv$  |
|          | 20       | √<br>√    |             |                                                  | 1        |                                                  | 70       | +       |                |                             |             |                                                  | 1      |       | 120        |          | +-      | ╁            | -         |          | $\dashv$       |               |           |
|          | 21       | 1         |             |                                                  |          |                                                  | 71       | +       |                |                             | _           |                                                  | 1 1    |       | 121        | _        | +       | +            |           |          | -              | $\dashv$      | $\dashv$  |
|          | 22       | 1         |             | <del>   </del>                                   | 1        |                                                  | 72       |         | _              | -                           |             |                                                  | 1 1    |       | 122        |          |         | +            |           |          | $\dashv$       | $\dashv$      | $\dashv$  |
|          | 23       | V         |             |                                                  | 1        |                                                  | 73       |         |                |                             |             |                                                  | 1 1    |       | 123        | $\neg$   | _       | <del> </del> |           |          | 1              | 十             | $\dashv$  |
|          | 24       | V         |             |                                                  |          |                                                  | 74       |         |                |                             | -   -       |                                                  | 1      |       | 124        |          |         | $\vdash$     |           |          | 7              | $\dashv$      | ᅥ         |
|          | 25       | 1         |             |                                                  |          |                                                  | 75       |         |                |                             |             |                                                  | 1 1    | •     | 125        |          |         |              |           |          |                |               |           |
|          | 26       | √         |             |                                                  |          |                                                  | 76       |         |                |                             |             |                                                  | 1      |       | 126        |          | $\top$  |              |           |          |                | $\neg$        | $\neg$    |
|          | 27       |           |             |                                                  |          |                                                  | 77       |         |                |                             |             |                                                  |        |       | 127        |          |         | L            |           |          |                |               |           |
|          | 28       |           |             |                                                  |          |                                                  | 78       |         |                |                             |             |                                                  |        |       | 128        |          |         |              |           |          |                |               |           |
|          | 29       | _         |             | 1                                                |          |                                                  | 79       |         | -,             |                             |             |                                                  |        |       | 129        | _        |         | _            |           |          |                |               | _         |
|          | 30       |           |             |                                                  |          |                                                  | 80       | $\perp$ | <u> </u>       |                             |             | $\sqcup$                                         | 4      |       | 130        |          |         | <u> </u>     |           |          | _              | _             |           |
|          | 31       |           |             |                                                  |          |                                                  | 81       | _       |                | $\dashv$                    | <del></del> |                                                  | 4      |       | 131        |          | —       | <u> </u>     |           |          | _              | $\dashv$      | _         |
| <u> </u> | 32       |           |             | <del>                                     </del> | <b> </b> | <b>  </b>                                        | 82       | +       | $\vdash$       |                             |             | <del>                                     </del> | -      |       | 132        |          | +-      |              | Н         | -        | _              |               | $\dashv$  |
|          | 33       | -         |             | ++++                                             | 1        |                                                  | 83       | +       |                | $\dashv$                    | $\dashv$    | $\vdash\vdash$                                   | -      |       | 133        | $\dashv$ | +       |              | $\vdash$  | $\dashv$ | +              | $\dashv$      | $\dashv$  |
|          | 34<br>35 | -         |             | + + + + -                                        | <b> </b> |                                                  | 84<br>85 | -       |                |                             |             | $\vdash \vdash$                                  | -      |       | 134<br>135 | +        | +       | $\vdash$     | $\vdash$  | $\dashv$ |                | $\dashv$      |           |
|          | 36       | -         |             | + + + +                                          | 1        |                                                  | 86       |         |                | +                           | +           | <del>                                     </del> | 1      |       | 135        |          | +       | ╁            | $\vdash$  |          | <del> -</del>  | $\dashv$      | $\dashv$  |
|          | 37       | $\vdash$  |             | ++++                                             | 1        |                                                  | 87       | +-      | $\vdash$       | $\dashv \dashv$             | +           |                                                  | 1      |       | 137        | +        | +       | +            | $\vdash$  |          | -+             | $\dashv$      | -         |
| <u> </u> | 38       |           |             |                                                  |          | <del>                                     </del> | 88       | +-      | _              | $\dashv$                    | +           | <del>                                     </del> | 1      |       | 138        |          | +       | +            | ļ         | $\dashv$ | $\dashv$       | $\dashv$      | $\dashv$  |
| <u> </u> | 39       |           |             | <del>                                     </del> | 1        |                                                  | 89       | +       |                | $\dashv\dashv$              | +           | -                                                | 1      | -     | 139        | $\dashv$ | +       | +            | $\vdash$  |          | $\dashv$       | $\dashv$      | $\dashv$  |
| <b></b>  | 40       | T         |             | 1                                                | 1        |                                                  | 90       |         | _              |                             | $\neg$      | $\vdash$                                         | 1      |       | 140        |          | †       | _            |           |          | $\dashv$       | $\dashv$      | -         |
|          | 41       | <b></b> - |             |                                                  |          |                                                  | 91       |         |                | $\dashv$                    |             |                                                  |        |       | 141        | -        | $\top$  | T            |           |          | $\dashv$       | 7             | ᅥ         |
|          | 42       |           |             |                                                  | 1        |                                                  | 92       |         |                | $\Box$                      |             | - -                                              |        |       | 142        | 一        |         | <u> </u>     |           |          | $\neg \dagger$ | 寸             | $\exists$ |
|          | 43       |           |             |                                                  | ]        |                                                  | 93       |         |                |                             |             |                                                  | ]      |       | 143        | $\neg$   | 1       |              |           |          |                | $\neg$        | $\neg$    |
|          | 44       |           |             |                                                  |          |                                                  | 94       |         |                |                             |             |                                                  |        |       | 144        |          |         | E            |           |          |                | 丁             |           |
|          | 45       |           |             |                                                  | ]        |                                                  | 95       |         |                |                             |             |                                                  |        |       | 145        |          |         |              |           |          | $\Box$         |               |           |
|          | 46       |           |             |                                                  | ]        |                                                  | 96       |         |                |                             |             |                                                  |        |       | 146        |          |         | L            |           |          | $\Box$         | $\Box$        |           |
| <u></u>  | 47       |           |             |                                                  |          |                                                  | 97       |         |                |                             |             |                                                  |        |       | 147        |          |         | _            |           |          | $\bot$         | $\Box$        |           |
|          | 48       | <u> </u>  |             | +                                                |          |                                                  | 98       | $\perp$ | <u> </u>       | $\dashv \dashv$             |             |                                                  |        |       | 148        |          |         | 1_           |           |          |                | [             |           |
|          | 49       |           | $\square$   | 4-4-4-                                           |          |                                                  | 99       |         | ļ              |                             |             | $\sqcup \!\!\! \perp$                            | 4      |       | 149        | $\perp$  | $\perp$ | <b> </b>     | -         |          | _              | ightharpoonup | _         |
|          | 50       | L_,       |             | <u> </u>                                         | ]::::    | Ll                                               | 100      |         | L              |                             |             | <u>L_L</u>                                       | ][     |       | 150        |          |         |              |           |          | $\perp$        |               |           |